

Work Order ID 124031

Friday, September 05, 2014 2:43:56 PM

124031

Page 1

Item ID: D3800-3-200 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Hook And Loop Strip (2" Hard)
 Start Date: 9/5/2014 Start Qty: 75.00 ***75*** Cust Item ID:
 Required Date: 9/5/2014 Req'd Qty: 75.00 ***75*** Customer:
 Reference:

Approvals: Process Plan: CZ Date: 14/09/05 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3800	Rev B								

100 0.00

100

Purchasing

Purchasing

PURCHASING

Memo

Issue P/O: 25369
 Purchase Part Number: 9776K98 (5FT), 9776K77(10FT), 9776K81(15FT),
 9776K24(30FT), 9776K118 (50FT), 9776K34(75FT), 9776K94(combination
 pack)
 Supplier: McMASTER CARR
 Certificate of conformity is required

0.00

CZ 14/09/05 75

110 0.00

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Ensure Material Release Note is attached

0.00

FS 8014-9-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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124031

Page 2

N900040100

Setup Start *NS1*

Stop *NS2*

75

Cust Item ID:

75

Customer:

Reference:

Run Start *NR1*

Stop ***NR2***

QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

**Insp.
Stamp**

0.00

120

QC

Memo

0.00

Quality Control

Identify as per dwg & Stock Location: 97 0.00

130

Packaging

Packaging

Memo

0.00

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

DAS
26
9-89

MF-
14-9-0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Doc/Data									
Equip/Tooling									
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Offset/Setup									
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Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

Friday, September 05, 2014 2:43:55 PM

Page 1

Work Order ID: 124031

124031

Parent Item: D3800-3-200

D3800-3-200

Parent Item Name: Hook And Loop Strip (2" Hard)

Start Date: 9/5/2014

Required Date: 9/5/2014

Start Qty: 75.00

Required Qty: 75.00

Comments: IPP Rev:A 08-10-21 revB as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
9776K94		Purchased			No		Each	75.0000		75			

9776K94

Flame retardent nylon Hook & Loop

Location

Loc Qty

Loc Code

ST

75

123426

75

umf 14-9-4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

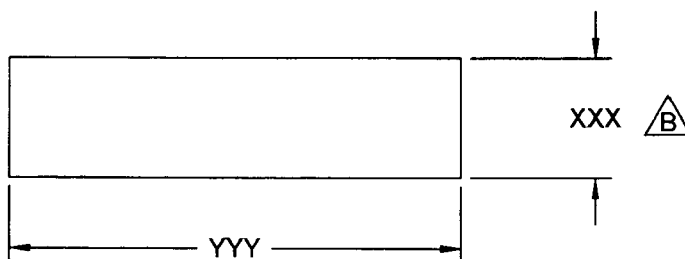
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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FAULT CATEGORY

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SPECIFICATION CONTROL DRAWING



DESCRIPTION: HOOK AND LOOP STRIP WITH ADHESIVE BACK

SPECIFICATION: D3800-1-XXX-YYY LOOP STRIP (ie. SOFT VELCRO STRIP)
D3800-3-XXX-YYY HOOK STRIP (ie. HARD VELCRO STRIP) B

WHERE 'XXX' IS WIDTH IN HUNDREDTHS OF AN INCH
AND 'YYY' IS LENGTH IN TENTHS OF AN INCH

EG. 1" WIDE BY 2.5" LONG LOOP STRIP = D3800-1-100-025
2" WIDE BY 10.0" LONG HOOK STRIP = D3800-3-200-100

CL 14/09/05
W10: 124031

PART NUMBER	WIDTH	PURCHASE
D3800-1-100-YYY LOOP STRIP	1.0	McMASTER CARR P/N: 9776K122, 9776K126, 9776K18, 9776K28, 9776K131, 9776K38
D3800-3-100-YYY HOOK STRIP	1.0	McMASTER CARR P/N: 9776K97, 9776K113, 9776K13, 9776K23, 9776K117, 9776K33
D3800-1-100-YYY & D3800-3-100-YYY (PURCHASED AS COMBINATION PACK)	1.0	McMASTER CARR P/N: 9776K72, 9776K76, 9776K79, 9776K84, 9776K88, 9776K93
D3800-1-200-YYY LOOP STRIP	2.0	McMASTER CARR P/N: 9776K123, 9776K127, 9776K19, 9776K29, 9776K132, 9776K39
D3800-3-200-YYY HOOK STRIP	2.0	McMASTER CARR P/N: 9776K98, 9776K114, 9776K14, 9776K24, 9776K118, 9776K34
D3800-1-200-YYY & D3800-3-200-YYY (PURCHASED AS COMBINATION PACK)	2.0	McMASTER CARR P/N: 9776K73, 9776K77, 9776K81, 9776K85, 9776K89, 9776K94

NOTES:

- 1) MATERIAL: WOVEN NYLON HOOK AND LOOP WITH ADHESIVE BACK
BEIGE COLOR
ACCEPTABLE SUPPLIERS PER ABOVE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

RELEASED
08-10-19

B	ADD 1" WIDTH OPTION, "XXX-YYY" WAS "XXX", ADD ADDITIONAL McMASTER PART NUMBERS	CP	08.09.09
A	NEW ISSUE	CP	08.06.18
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>GP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>GP</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>EE</i>	D3800	SHEET 1 OF 1
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>MP</i>	HOOK AND LOOP STRIP	NTS
DATE	08.09.09	COPYRIGHT © 2008 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25369

Purchase Order Date 8/12/2014

PO Print Date 8/12/2014

Page Number 1 of 2

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Michael Gregoire

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Pri
Line Comments		Promise Date					
Delivery Comments							
1	D3800-3-200-060	Hook Strip	8/14/2014 Yes 8/14/2014	FN	75.00 f	\$2.94	\$220.5
Manufacture as per Drawing D3800 rev.B B123426							
Line Total:							\$220.5
2	D3373-7	Cam Lock	8/14/2014 Yes 8/14/2014	FN	10.00 Each	\$7.51	\$75.1
Manufacture as per Drawing D3373 rev.A B123528							
Line Total:							\$75.1
3	D3631-1	Washer	8/14/2014 Yes 8/14/2014	FN	100.00 Each	\$0.10	\$10.0
Manufacture as per Drawing D3631 rev.A B123452							

Note:

8/12/2014

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO25369

Page 1 of 1

08/14/20

Order Placed By
Michael Gregoire

McMaster-Carr Number
7522879-01

Line	Product	Ordered	Shipped
1	95606A170 Nylon 6/6 General Purpose Flat Washer, Off-White, 7/16" Screw Size, .69" OD, .02"-.04" Thickness, with a Certificate of Conformance, 100 Each/Pack Your Part Number: BATCH 123452/D3631-1	✓ 1 Pack	1
2	9776K94 Flame-Retardant Hook and Loop, 2" W X 75" L, Adhesive Back, Beige, with, Certificate of Conformance That Includes Date of, Mfg and Shelf Life Information Your Part Number: BATCH 123426/D3800-3-200-060	✓ 1 Length	1
3	1770A725 Cam Lock with Polished Nickel Finish, Keyed to C420A, 3/4" Diameter Hole, 1-7/16" Material Thickness, with Manufacturers Certificate of Compliance Your Part Number: BATCH 123528/D3373-7	✓ 4 Each	4

SP14-8-21

DOCUMENT# Q052

REVISION: F

Penn Fibre Plastics, Inc.
P.O. Box 160
Greenwood, Delaware 19950
(302) 349-4505 FAX (302) 349-5772

CERTIFICATE OF COMPLIANCE

CUSTOMER: LAIRD PLASTICS -SALT LAKE CITY

SO#: 132100-2

PO#: 2260644-000 OD SEASTROM MFG CO INC

PT# 601701

Description: STRIP NYLON NAT 031 X 875
LOT# BL19BB BATCH # N44MK7Y102
MFG DATE 11/19/12
CERTS TO ASTM D 6779

line 2
RECEIVED

MAR 07 2013

We certify herein that the materials used to fulfill the purchase order referenced above, meet specifications or requirements referenced above. We further certify that all product dimensions, tolerances and appearances are in accord with the requirements of your purchase order.

Details as to the characteristics and manufacturing process are maintained in our Delaware Division and are available upon request, during normal business hours.

Penn Fibre is an ISO 9001 Certified Company .

Bonnie Hughes

Quality Assurance

Penn Fibre – Dedicated & Committed to Continuous Improvement and Customer Satisfaction!

SEASTROM MFG. CO., INC.
CUSTOMER MCMASTER CARR
REF YOUR P.O.# VB-56882270
REF. PART# A361-766
LOT# J40670



113 West 154th Street
South Holland, IL 60473-1020
708-596-8800 phone
708-596-8828 fax
sales@mjmay.com
www.mjmay.com

Certification of Conformance

August 14, 2014

Subject: Flame Retardant Fasteners

PO Number: VB-56879300

PO Date: 08/12/14

To Whom it May Concern:

With this letter, we certify the product described as:

MJ MAY PART NUMBER	YOUR PART NUMBER	DESCRIPTION
1226-FR-PSA/B-75	UNKNOWN	FLAME RETARDANT WOVEN NYLON HOOK AND LOOP FASTENER COMBO PACK, 2" WIDE 75' LENGTH <u>COMPONENT(S) :</u> LOOP 800 PRESSURE SENSITIVE ADHESIVE BACK BEIGE <u>COMPONENT(S) :</u> HOOK 808 PRESSURE SENSITIVE ADHESIVE BACK BEIGE

Date of Manufacture

LOOP 800 COMPONENT: 07/31/14 – LOT 374871

HOOK 808 COMPONENT: 08/07/14 – LOT 471832

Shelf Life: 1 Year From Manufacture Date

William Lisiak C.Q.P. - Quality Manager

MJ May Material Specialists does not warrant or certify the end use of any of its' materials. The customer is responsible for determining suitability of all products in applications.

It is hereby certified that all material used in the manufacture of the above item(s), in the quantity called for on the subject purchase order, conform to the material and/or manufacturing specification indicated in drawings or specifications.